

What is GIS?

A Geographic Information System, or GIS, is an organized collection of computer hardware, software, geographic data, and personnel designed to efficiently capture, store, update, manipulate, analyze, and display all forms of geographically referenced information. Or, in simple terms: A computer system capable of holding and using data describing places on the earth's surface.

A GIS combines layers of information about a place to give you a better understanding of that place. Which layers of information to combine depends on ones purpose - finding the best location for a new store, analyzing environmental damage, viewing similar crimes in a city to detect a pattern, and so on.

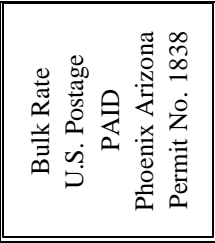
The old adage "better information leads to better decisions" is true for GIS. A GIS is not just an automated decision making system, but a tool to query, analyze, and map data in support of the decision making process.

Why AGIC Exists

The Arizona Geographic Information Council (AGIC) was established by Executive Order as Arizona’s primary forum and advisory group for geographic information and geographic information technology issues and coordination efforts.

AGIC recommends standards for the development and implementation of GIS technical strategies in order to provide a framework to optimize the State’s investment in geographic data and technology. Through cooperation and partnerships AGIC facilitates the acquisition, exchange and management of geographic information and technology for the State of Arizona to benefit state agencies and the Arizona GIS community.

AGIC meets on a regular basis and conducts an Annual GIS Conference to address and coordinate statewide geographic information and technology issues, requirements and solutions. economic and infrastructure resources of the state.



AGIC
1616 West Adams Street
Phoenix, Arizona 85007

Arizona
Geographic
Information
Council



Just about anyone or anything can be associated with a known location in the world... an address, service region, or voting district...

Geographic Information Systems (GIS) extracts patterns and trends inherent in location-based information.

— ESRI

AGIC
1616 West Adams Street
Phoenix, Arizona 85007
602.542.4060
602.542.2600 (Fax)
Web Site: <http://www.land.state.az.us/agic/agichome.html>

AGIC Vision

The vision of AGIC is to facilitate the provision of credible, timely and accurate geographic information for widespread use by decision-makers and the citizens of Arizona.

AGIC Mission Statement

The mission of AGIC is to coordinate the development and management of geographic information in Arizona. AGIC promotes the use of GIS and related technologies to address problems, develop plans, and manage the natural, economic and infrastructure resources of the state.

AGIC Objectives

- ? Improve access to Arizona geographic information
- ? Provide recommendations to share and access geographic data
- ? Collaborate to develop high priority statewide data
- ? Conduct outreach activities to enhance the understanding of GIS technology
- ? Promote the understanding and use of geographic information
- ? Obtain resources for statewide GIS priorities

AGIC Activities

Current

- ? State Representative to National States Geographic Information Council
- ? Annual State GIS Conferences (since 1993)
- ? Coordination of Statewide Transportation Database
- ? Developing New Statewide GIS Standards
- ? National Geodetic Survey State Advisor Sponsor
- ? AGIC Web Site for GIS Information and data
- ? AGIC Listserv as a GIS communication forum
- ? Outreach to Potential New Members
- ? Ongoing GIS Day Activities
- ? Ongoing coordination with State, Federal, Local Government and Private Sector organizations

Completed

- ? Statewide Survey of GIS Community
- ? Statewide Hydrography Data (1:100,000)
- ? Acquisition of Statewide 1993 Landsat Imagery
- ? Instituted Arizona GIS Day
- ? Statewide Cadastral Integration Project
- ? Acquisition of State-wide Digital Aerial Photographs
- ? Launched Survey Control Clearinghouse
- ? Established Arizona Metadata Node
- ? Created Directory of GIS Professionals in Arizona

For additional information about AGIC and GIS topics, visit the AGIC Web Site, at:
<http://www.land.state.az.us/agic/agichome.html>
Or call AGIC at 602.542.4060.

AGIC Member Agencies

State

Department of Administration
Department of Education
Department of Water Resources
Department of Commerce
Department of Economic Security
Department of Environmental Quality
Department of Health Services
Department of Revenue
Department of Transportation
Game and Fish Department
Geological Survey
State Land Department
State Parks
Arizona State University
Northern Arizona University
University of Arizona

Federal

Bureau Of Indian Affairs
Bureau of Land Management
Bureau of Reclamation
Forest Service
Geological Survey
Natural Resources Conservation Service

Private Sector

Member at Large

Regional

Maricopa Association of Governments (MAG)
Northern Arizona Geographic Information Forum
Southern Arizona Geographic Information System
Yuma Regional Geographic Information System

County Government

Arizona Association of Counties

Municipal

League of Arizona Cities & Towns